

Shyam Suthar

Sen. Software Engineer

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Dynamic software engineer with ~8 years of experience crafting resilient code for high-volume business environments. Proficient in multiple programming languages, including Typescript, Java and Python, with a strong focus on performance optimisation and database management. Proficient across multiple platforms, languages, and architectures, I excel in collaborative team environments and thrive independently in remote work settings.

Technical Skills

Language :	Python, TypeScript, JavaScript, Java, C++, C#(UWP/WPF), SQL, NoSQL, D3	DB Tools:	DynamoDB, MySQL, SQLite, MongoDB Compass, GraphQL
CI Tools :	Jenkins, Github Actions/Workflows	Tools:	Figma, VS Code, pyCharm, Spring Tool Suite & IntelliJNotion, Jira, Github, Docker, Chrome Extensions
Frontend :	ReactJS, VueJS, Electron, shadcn-ui		
Backend :	NestJS, Flask, Express		

Senior Software Engineer (L3)

Oracle India Pvt. Ltd. Hyderabad, Sept 2022 – Present

- Responsible for driving the design and development of new features using data-driven methodologies, achieving a 20% increase in user engagement, as well as maintaining and optimising existing application bundles, leading to a 15% reduction in load times and a 10% decrease in error rates based on performance metrics.
- Utilised Oracle OCI to oversee deployment processes through CI/CD pipelines, including deletion, updates, and management of outdated instances, ensuring system integrity and optimal performance.
- Led a team to optimise a critical feature for large enterprise customers in NetSuite and Oracle Cloud Infrastructure Team, addressing performance bottlenecks with large datasets. Utilised Python, Java and SQL to identify and refactor inefficient database queries, implemented caching strategies, and paralleled tasks.
- Migrated repositories from Perforce (P4V) to GitLab using custom Python scripts and Git commands, preserving full commit history, branches and structured repositories with Gitlab CI/CD pipelines added with a cron job to regulated the automated regular backups post migrations.
- Developed a custom DevTools Performance tab to track key metrics like duplicate calls, cached calls, TTFB, and transfer size. This tool highlighted performance issues with clear warnings, enabling continuous monitoring, identification and rectification of bottlenecks.
- Responsible for addressing customer defects, prioritising them based on severity to reduce critical issue resolution time by 25%, and offering suitable solutions along with appropriate eFix in 100% of bundle releases.
- Responsible for establishing and managing code standards for the bundles, ensuring adherence to quality benchmarks, code analysis for every release to guarantee code quality and stability.
- Developed a database migration tool for the Data Infrastructure Team, OCI and Internal Team, automating the transfer of data from various databases (e.g., MySQL, PostgreSQL) to Oracle Cloud Database. Leveraged backend micro-services in python and fully equipped frontend in ReactJS (NodeJS) and SQL for ETL processes, ensuring data integrity and minimal downtime. The tool streamlined migration efforts, reducing manual intervention and enabling efficient transitions to Oracle Cloud for enterprise clients, effectively reducing manual intervention.

Software Development Engineer (L2)

Oracle India Private Ltd Hyderabad, Nov 2019 – Sep 2022

- Led the implementation of fully integrated systems, covering ERP/financials, CRM, e-commerce, and inventory management, resulting in a streamlined operation efficiency improvement of over 30% for numerous customers.
- Orchestrated the deployment of NetSuite ERP CRM Solutions across diverse sectors such as Retail, Manufacturing, and Automobiles, at multiple international subsidiaries, achieving a seamless transition with a 95% success rate.
- Crafted customised NetSuite forms, transaction PDFs, workflows, scripts, and roles tailored to match the company's channel structure and business regulations, resulting in a 20% increase in customer satisfaction.
- Developed comprehensive Business Intelligence solutions through reports, saved searches, and dashboards, facilitating informed decision-making and forward planning, leading to a 25% increase in data-driven decision-making effectiveness.
- Successfully delivered Netsuite bundles, including Bill of Lading and Deductions & Chargebacks, Rebate Management, enhancing operational efficiency and financial management capabilities by 15%.

Software Development Engineer

Kony Pvt. Ltd. Hyderabad, Sept 2017 – Nov 2019

- Engineered Marketplace 2.0 to achieve optimized performance, attaining a Google Page Insight score of 95, enhancing user experience and site efficiency by 25%.
- Established a private marketplace fortified with robust security measures, enabling exclusive component sharing within organizations, overseeing end-to-end design and development, resulting in a 30% increase in user engagement.
- Implemented an automation testing engine in Java, producing daily reports on website and API test statuses, leading to a 20% expansion in customer base and a 15% improvement in product quality.
- Ensured the responsiveness of the Kony Marketplace platform (<https://community.kony.com/marketplace>), optimizing user accessibility and satisfaction, resulting in a 10% increase in user retention and site interaction.
- Developed a suite of automation tools tailored for Windows-compatible devices, spanning mobile devices, tablets, and desktop applications, with automated code implementation to streamline operational workflows, resulting in a 30% reduction in manual effort and improved efficiency.
- Produced comprehensive reports on coverage metrics, ensuring thorough testing across Windows platforms, including UWP and KIOSK environments, and promptly addressed customer tickets, leading to a 25% decrease in issue resolution time and enhanced customer satisfaction.

Education

- Bachelors' Degree in Computer Science**
Lovely Professional University, Jalandhar Punjab
July 2013–June 2017
- Matriculate Education**
Emmanuel School, Jalore Rajasthan
Mar 2009 – Mar 2010
- Sen. Secondary Education**
Emmanuel Sen. Sec. School Rajasthan
Mar 2010 – Mar 2012

Achievements

- 1st Prize in Oracle Innovation Hackathon, 2023**
For developing migration bundles with cross platform specifications.
- Oracle The Trailblazer Award – FY22 Q4**
Award is given to an employee who has performed beyond company standards on overall performance during his/ her probationary employment.
- Kony Team Award FY19**
For collaborative efforts of the team in deploying WebSockets across different environments.
- Kony GEM Award**